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ABSTRACT OF THE DISCLOSURE

A method for detecting the concentration of a specific gas (NO_x) in an engine exhaust gas using a gas sensor and a process of correcting the gas sensor. According to the correcting process, the amount of moisture in the exhaust gas is estimated, then a gas concentration detection signal output by the gas sensor on the basis of an estimated amount of moisture is corrected.

Finally, the effect of the amount of moisture in the exhaust gas is removed or reduced from the detected value of gas concentration.

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